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EAST SEARCH

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L#	Hits	Search String	Databases
L1	388	three-dimensional CAD	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
L2	4536	automated assembly	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
L4	66	1 and simulat$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
L5	102	2 and simulat$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
L6	2175	three-dimensional display	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
L7	0	2 and 6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
L8	416267	collision or interference	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
L11	16	1 and 6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
L13	1554	assembly display	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
L14	79	disassembly display	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
L15	1613	13 or 14	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
L16	94	15 and simulat$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
L19	26904	manipulator	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
L20	107	2 and 19	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
L21	8	20 and simulat$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
L22	44	manipulator model	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
L3	2	1 and 2	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
L9	27	4 and 8	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
L10	30	5 and 8	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
L12	5	11 and simulat$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
L18	13	8 and 16	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
L23	12	22 and simulat$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
L24	49	virtual adj (factory or manufact$ or assembly)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
L25	24	24 and simulat$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
L26	3	8 and 25	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB
L27	11	25 and manipulat$	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB

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Results of search set L9:(three-dimensional CAD) and simulat$ and (collision or interference)

Document	Kind Codes	Title	Issue Date	Current OR	Abstract
US 20020032552	A1	Computer aided design system and three-dimensional design method using the same and storing medium	20011204	703/2	
US 20020004713	A1	Analysis model data creating method and apparatus, and recording medium having analysis model data creating program recorded theron	20010320	700/98	
US 20010016807	A1	Support system, and computer-readable recording medium in which support program is recorded	20010220	703/2	
US 6327553	B1	Injection mold design system and injection mold design method	20001226	382/103	
US 6205367	B1	Apparatus for supporting equipment operability evaluation	20001205	703/7	
US 6192327	B1	Injection mold design system and injection mold design method	19991130	345/421	
US 6167142	A	Object movement simulation apparatus	19990831	345/418	
US 6157902	A	Disassembly route producing apparatus, assembly route producing apparatus,	19990824	345/419	
US 5995108	A	3D image composition/display apparatus and composition method based on	19990112	409/201	
US 5945994	A	Kinematic-simulation apparatus and kinematic-simulation method with interfere	19981103	703/7	
US 5943056	A	Interference checking method	19980922	700/97	
US 5857815	A	Mechanical manipulator	19980203	128/898	
US 5831875	A	Link mechanism analyzer and link mechanism joint data arithmetic apparatus	19971230	700/182	
US 5812402	A	Injection mold design system and injection mold design method	19971007	345/419	
US 5713950	A	Method of replacing heart valves using flexible tubes	19961231	345/848	
US 5703782	A	Method and system for producing 3-D carred signs using automatic tool path g	19961119	409/201	
US 5675720	A	Method of searching for points of closest approach, and preprocessing methoc	19960102	623/2.15	
US 5590268	A	System and method for evaluating a workspace represented by a three-dimen	19950307	345/158	
US 5575597	A	Mechanical manipulator	19930323	700/182	
US 5480424	A	Heart valve replacement using flexible tubes			
US 5396265	A	Three-dimensional tactile computer input device			
US 5197013	A	Method of forming a carved sign using an axially rotating carving tool			
JP 200006	A	INTERFERENCE CHECKING METHOD FOR ROBOT ACTION	20000229		
JP 102648	A	CARRIER MOVING SIMULATOR AND CARRIER MOVING SIMULATING METH(	19981006		
JP 072446	A	PLANT INTEGRATION CAE SYSTEM	19950919		
JP 062027	A	SIMULATION DEVICE FOR THREE-DIMENSIONAL LASER BEAM MACHINE	19940722		
JP 112723	A	Three=dimensional virtual simulator - has operation-simulating execution unit t	19991008		